



Coos County, NH

Flood Maps are Changing... What You Should Know

MAPPING THE RISK

FLOOD MAP MODERNIZATION

New Floodplain Maps Coming to Coos County.

A multi-year project to re-examine flood zones and develop detailed, digital flood hazard maps is currently underway. The new maps reflect current flood risks and areas of recent growth, replacing maps that are up to 30 years old. As a result, property owners throughout Coos County will have up-to-date, reliable, Internet-accessible information about their flood risk. And owners of several properties will learn that their risk is higher, or lower, than they thought.

It is important that property owners in Coos County review the preliminary maps as soon as possible to determine if their risk has changed, especially those who have property along the waterbodies listed in the table on the next page.

Flood Maps: A Risk Management Must

Flood hazard maps, also known as Flood Insurance Rate Maps (FIRMs), are important tools in the effort to protect lives and

properties in Coos County.

By showing the extent to which areas of Coos County are at risk for flooding, flood maps help business and property owners make better financial decisions about protecting their property. These maps also allow community planners, local officials, engineers, builders and others to make important determinations about *where* and *how* new structures and developments should be built.

To ensure that everyone within Coos County has access to the most accurate and up-to-date information about flood hazards, the preliminary maps are currently available for public view at city/town halls, the NH Office of Energy & Planning, and on GRANIT's web site at www.granit.unh.edu/dfirms/.

A Better Picture of Flood Hazards

Over time, water flow and drainage patterns have changed dramatically due to surface erosion, land use and natural forces. The likelihood of inland, riverine and coastal flooding in certain areas has changed along with these factors. New digital mapping techniques provide

more detailed, reliable and current data on county flood hazards. The result: a better picture of the areas most likely to be impacted by flooding and a better foundation from which to make key decisions.

The flood map modernization project is a joint effort between the communities in Coos County and the Federal Emergency Management Agency (FEMA), in cooperation with private sector partners.

THE MAP ADOPTION PROCESS FOR COOS COUNTY

May 26, 2011 — Preliminary maps released

July 21, 2011 — Public information meetings held by FEMA in Milan and Lancaster

February 3 to May 3, 2012 — 90-day Public Comment Period (for filing of appeals and comments)

Summer 2012 — FEMA notifies communities of final map date

Early 2013 — Maps become effective

For More Information:

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www.nh.gov/oep/programs/floodplainmanagement/modernization.htm

Flood Mapping Changes in Coos County¹

FLOODING SOURCES RESTUDIED WITH NEW ENGINEERING ANALYSES²

| | | | |
|---------------|---|------------------|--|
| Berlin | <ul style="list-style-type: none"> Androscoggin River Dead River | Gorham | <ul style="list-style-type: none"> Androscoggin River Moose Brook Moose Brook Split Moose River Peabody River Tinker Brook |
| Dummer | <ul style="list-style-type: none"> Androscoggin River | Milan | <ul style="list-style-type: none"> Androscoggin River |
| Errol | <ul style="list-style-type: none"> Androscoggin River Clear Stream Greenough Brook | Shelburne | <ul style="list-style-type: none"> Androscoggin River Peabody River Clement Brook |

FLOODING SOURCES WITH REDELINEATION³

| | | | |
|---------------|--|---------------|--|
| Berlin | <ul style="list-style-type: none"> Upstream portions of Dead River Jericho Brook | Gorham | <ul style="list-style-type: none"> Upstream portions of Moose River |
| Errol | <ul style="list-style-type: none"> Akers Pond | | |

FLOODING SOURCES WITH DATA FROM ANOTHER STUDY⁴

| | |
|--|-------------------|
| Clarksville Colebrook Columbia Stratford Stewartstown | Connecticut River |
|--|-------------------|

ALL OTHER FLOODING SOURCES NOT MENTIONED ABOVE⁵

¹**All Flooding Sources** - New maps reference the North American Vertical Datum of 1988. The datum conversion for Coos County between the previous maps that reference the National Geodetic Vertical Datum of 1929 and the new maps is -0.3 feet. A base flood elevation may appear to be changed but is in fact the same just referenced to the new datum.

²**New Engineering Analyses** – Use of new topography from Light Detection and Ranging (LiDAR), field surveys of structures, and new engineering analyses. Base flood elevations will likely differ from current maps. Floodplain limits may shift to coincide with the more accurate topographic data.

³**Redelineation** – Use of new topography from Light Detection and Ranging (LiDAR). No new engineering. Base flood elevations remain the same. Floodplain limits may shift to coincide with the more accurate topographic data.

⁴**Data from Another Study** – Use of data from engineering analyses for an adjoining state/community with the same waterbody. Base flood elevations will likely either be new or differ from current maps.

⁵**All Other Flooding Sources** - Data from previous map are carried over to the new maps with little or no change. No new engineering or topography used. No changes to base flood elevations and little or no changes to floodway and floodplain limits.

Flood Risks and Flood Zones

Flood maps refer to areas of high, medium or low risk as “flood hazard zones” and the zones of highest risk as “Special Flood Hazard Areas.”

| RISK LEVEL | FLOOD HAZARD ZONE |
|----------------------------|---|
| High Flood Risk | <p>AE, A, AH or AO Zone. These properties have a 1 percent chance of flooding in any year — and a 26 percent chance of flooding over the life of a 30-year mortgage.</p> <p>VE or V Zone. These properties have a 1 percent chance of flooding in any year and also face hazards associated with coastal storm waves.</p> <p>Insurance note: High-risk areas are called Special Flood Hazard Areas, and flood insurance is mandatory for most mortgage holders.*</p> |
| Low or Moderate Flood Risk | <p>Shaded X Zone. These properties are outside the high-risk zones. The risk is reduced but not removed.</p> <p>X Zone. These properties are in an area of overall lower risk.</p> <p>Insurance note: Lower-cost preferred rate flood insurance policies (known as Preferred Risk Policies) are often an option in these areas.</p> |

Flood Insurance Requirements and Options

When the new maps become effective, flood insurance requirements will change. However, options exist that will allow property owners to save money while still protecting their property.

| IF MAPS SHOW... | THESE REQUIREMENTS, OPTIONS AND SAVINGS APPLY |
|---|---|
| Change from low or moderate flood risk to high risk | <p>Flood insurance is mandatory. Flood insurance will be federally required for most mortgage holders.* Insurance costs may rise to reflect the true (high) risk.</p> <p>Preferred Risk Policy Eligibility Extension. A cost-saving temporary insurance option for property owners newly mapped into a high-risk flood zone. An insurance agent can provide more details.</p> <p>Grandfathering offers savings. The National Flood Insurance Program (NFIP) has “grandfathering” rules to recognize policyholders who have built in compliance with the flood map or who maintain continuous coverage. An insurance agent can provide more details on how to save.</p> |
| Change from high flood risk to low or moderate risk | <p>Flood insurance is optional, but recommended. The risk has only been reduced, not removed. Flood insurance can still be obtained, at lower rates. Twenty-25 percent of all flood insurance claims come from low- to moderate-risk areas.</p> <p>Conversion offers savings. An existing policy can be converted to a lower-cost Preferred Risk Policy.</p> |
| No change in risk level | <p>No change in insurance rates. Property owners should talk to their insurance agent to learn their specific risk and take steps to protect their property and assets.</p> |

* Required for loans provided by federally regulated lenders as well as Government Sponsored Enterprises such as Freddie Mac and Fannie Mae.

FOR MORE INFORMATION Visit www.FloodSmart.gov for more information about how to protect against flooding and the steps local residents may need to take to ensure that they have proper insurance coverage to protect their investment.